

PATENT SPECIFICATION

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(54) SELF STACKING WIRE MESH TRAY

(71) I, JAMES GREIG, a British subject, 12, Deeside Avenue, Aberdeen, Scotland, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to stackable wire-mesh trays especially but not exclusively for use in smoking fish.

An object of the present invention is to provide a wire-mesh tray which can be vertically stacked with a plurality of similar trays to form a stable assembly.

According to the present invention there is provided a stackable, open-sided, wire-mesh tray especially but not exclusively for use in smoking fish comprising a substantially rectangular planar wire-mesh panel for supporting fish to be smoked, a spacing member at each corner of said panel and having a bore therein, and a pin at each corner on the opposite side of said panel from and co-axial with the spacing member, and adapted, during stacking, to co-operate with the bore in the spacing member of an adjacent tray.

Preferably, said spacing members are tubular.

An embodiment of the present invention will now be described, by way of example, with reference to the accompanying drawings, in which:—

Fig. 1 is a perspective view of three trays according to the invention being stacked to form an assembly;

Fig. 2 is an elevational view showing one corner of one of the trays shown in Fig. 1; and

Fig. 3 is a plan view corresponding to Fig. 2.

Referring to the drawings, a stackable wire-mesh tray, indicated generally by the reference numeral 11, comprises a substantially rectangular, planar panel 1 formed by a peripheral wire

2 and a plurality of interwoven cross-wires 3.

A spacing member 4 is provided at each corner of the panel 1 and comprises an up-standing tubular member welded or otherwise rigidly connected to the peripheral wire 2. A pin 5 welded or otherwise rigidly connected to the peripheral wire 2 depends from the panel 1 and is co-axial with the tube 4 so that during stacking of the trays (Fig. 1) the pins 5 of an adjacent tray will co-operate with the bores 6 of the tubes 4 to form a stable assembly of trays.

In a modification the cross-wires 3 are spot-welded at their intersections and need not be interwoven.

WHAT WE CLAIM IS:—

1. A stackable, open-sided, wire-mesh tray especially but not exclusively for use in smoking fish comprising a substantially rectangular, planar wire-mesh panel for supporting fish to be smoked, a spacing member at each corner of said panel and having a bore therein, and a pin at each corner on the opposite side of said panel from and co-axial with the spacing member, and adapted, during stacking, to co-operate with the bore in the spacing member of an adjacent tray.

2. A tray as claimed in claim 1, in which the spacing members are tubular.

3. A tray as claimed in claim 1 or 2, in which the wire-mesh panel comprises a peripheral wire and a plurality of interwoven cross-wires.

4. A tray as claimed in claim 3, in which the spacing members are welded to the peripheral wire.

5. A tray as claimed in claim 3 or 4, in which the pins are welded to the peripheral wire.

6. A stackable, open-sided, wire-mesh tray especially but not exclusively for use in smoking fish, substantially as hereinbefore described with reference to the accompanying drawings.

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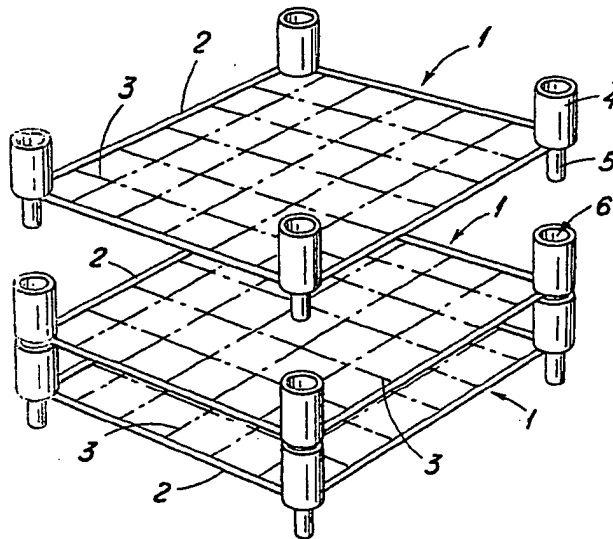


Fig. 1.

